IN THE CLAIMS

1.   (Currently Amended) A method of processing a block of information, the method comprising:

forming ~~separately~~ at least two error control coded streams, using a separate error code encoder for each stream, from the block of information, the formed at least two error control coded streams being transmitted in response to a confirmation message, wherein a first error control coded stream of the at least two error control coded streams is independently transmitted by a first antenna of a multiple antenna system and a second error control coded stream of the at least two error control coded streams is independently transmitted by a second antenna of the multiple antenna system.

2.   (Canceled)

3.   (Previously Presented) The method of Claim 1, wherein the at least two error control coded streams comprise at least one of a Chase packet and/or at least one of an Incremental Redundancy subpacket.

4.   (Previously Presented) The method of Claim 3, wherein the confirmation message comprises an acknowledgement message or a non-acknowledgement message.

5.   (Original) The method of Claim 4, further comprising:

re-transmitting the Chase packet in response to the non-acknowledgement message.

6.   (Original) The method of Claim 5, wherein the step of retransmitting the Chase packet is repeated until at least one of the acknowledgement message is received, a time out occurs, and one less than a maximum number of symbol periods is reached.

7.   (Original) The method of Claim 4, further comprising:
transmitting at least another Incremental Redundancy sub-packet in response to the non-acknowledgement message.

8.   (Original) The method of Claim 7, wherein the step of transmitting at least another Incremental Redundancy sub-packet is repeated until at least one of the acknowledgement message is received, a time-out occurs, and one less than a maximum number of symbol periods is reached.

9.   (Previously Presented) The method of Claim 1, wherein the at least two error control coded streams are employed in at least one of a one-to-many communication system and a many-to-many communication system.

10.   (Currently Amended) A method of processing received error control coded streams that are formed separately, using respective separate error control code encoders, the method comprising:
performing independent error detection of at least two of the received error control coded streams using respective separate error control code encoders in a multiple antenna system, wherein at least one confirmation message is transmitted in response to the performed

independent error detection.

11.   (Previously Presented) The method of Claim 10, further comprising:

forming a block of information from the independent error detected at least two received error control coded streams.

12.   (Previously Presented) The method of Claim 11, wherein each of the at least two received error control coded signals are independently received by a single antenna of the multiple antenna system.

13.   (Previously Presented) The method of Claim 11, wherein the step of performing independent error detection comprises cyclic redundancy checking the at least two error control coded streams.

14.   (Previously Presented) The method of Claim 13, wherein the at least two error control coded streams comprise at least one of a Chase packet and/or at least one of an Incremental Redundancy subpacket.

15.   (Previously Presented)   The method of Claim 14, wherein the at least one confirmation message comprises at least one of an acknowledgement message and a non-acknowledgement message, and the acknowledgement message is transmitted if at least one of a combined Chase packet or at least one of a combined Incremental Redundancy subpacket of the at least two received error control coded streams passes the step of cyclic redundancy checking.

16. (Previously Presented) The method of Claim 15, further comprising:

transmitting at least another confirmation message in response to performing cyclic redundancy checking on at least one combined packet including the at least one Chase packet and/or performing cyclic redundancy checking on at least one combined packet including another at least one Incremental Redundancy sub-packet from the at least two received error control coded streams.

17. (Previously Presented) The method of Claim 14, wherein the at least one confirmation message comprises at least one of an acknowledgement message and a non-acknowledgement message, the non-acknowledgement message is transmitted if at least one of a combined Chase packet or at least one of a combined Incremental Redundancy sub-packet of the at least two received error control coded streams fails the step of cyclic redundancy checking.

18. (Previously Presented) The method of Claim 17, further comprising:

performing an Incremental Redundancy function on at least one of the at least two received error control coded streams for packet combining, wherein the Incremental Redundancy function enables cyclic redundancy check to indicate the failure of the Incremental Redundancy sub-packet.

19. (Previously Presented) The method of Claim 18, further comprising:

transmitting at least another confirmation message in response to performing cyclic redundancy checking on at least one combined packet including the at least one Chase packet

and/or performing cyclic redundancy checking on at least one combined packet including another at least one Incremental Redundancy sub-packet from the at least two received error control coded streams.

20.   (Previously Presented) The method of Claim 19, further comprising:

performing a Chase function on at least one of the at least two received error control coded streams for packet combining, wherein the Chase function enables cyclic redundancy check to indicate the failure of the Chase packet.

21.   (Previously Presented) The method of Claim 19, further comprising:

transmitting at least another confirmation message in response to performing cyclic redundancy checking on at least one combined packet including at least one Chase packet and/or performing cyclic redundancy checking on at least one combined packet including another at least one Incremental Redundancy sub-packet from the at least two received error control coded streams.